

PARTICLES FOR USE IN A DETECTION SYSTEM

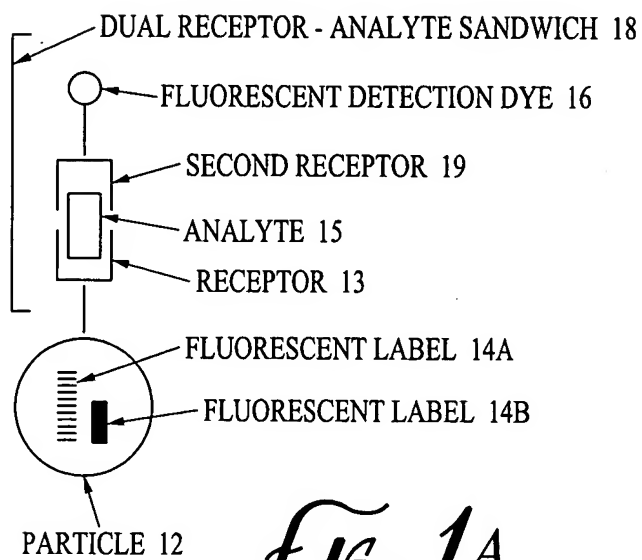
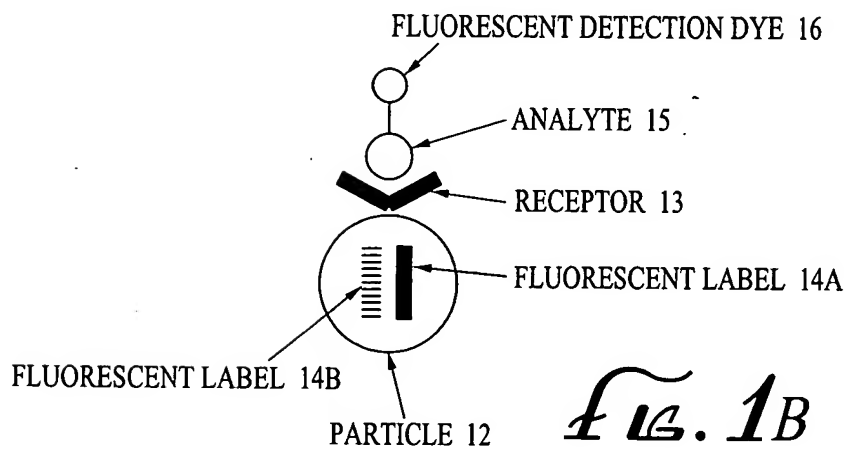
*Fig. 1A**Fig. 1B*

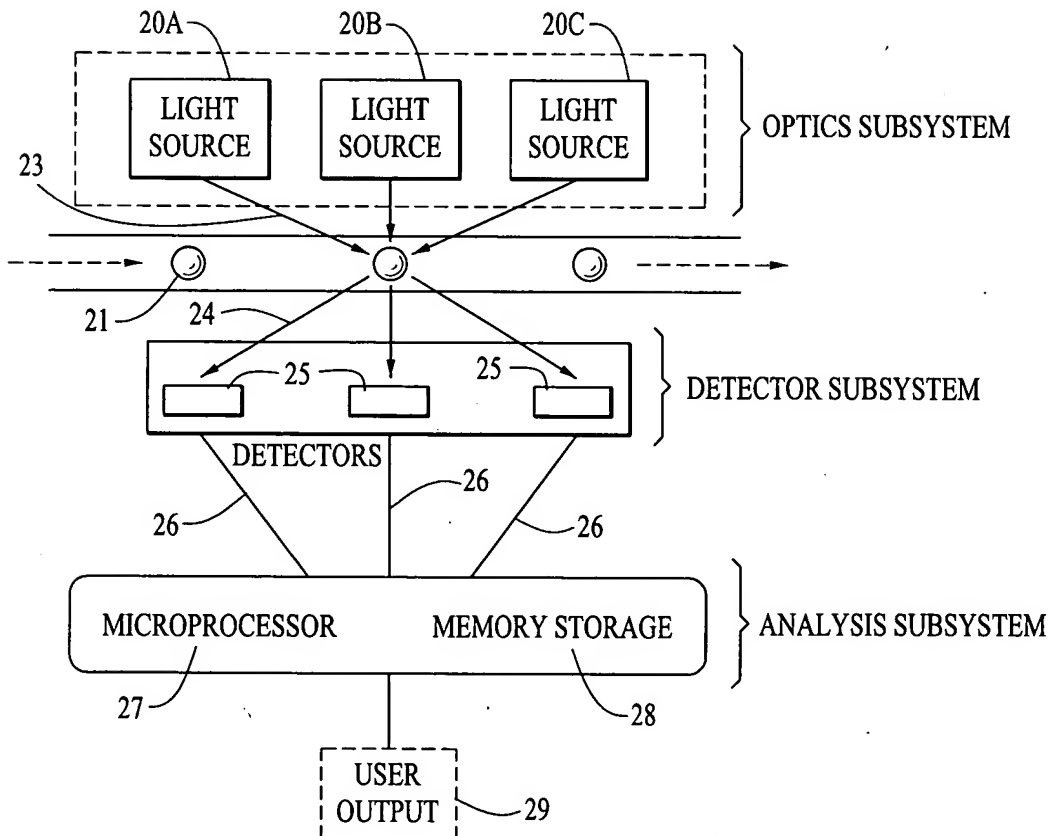
FIG. 2

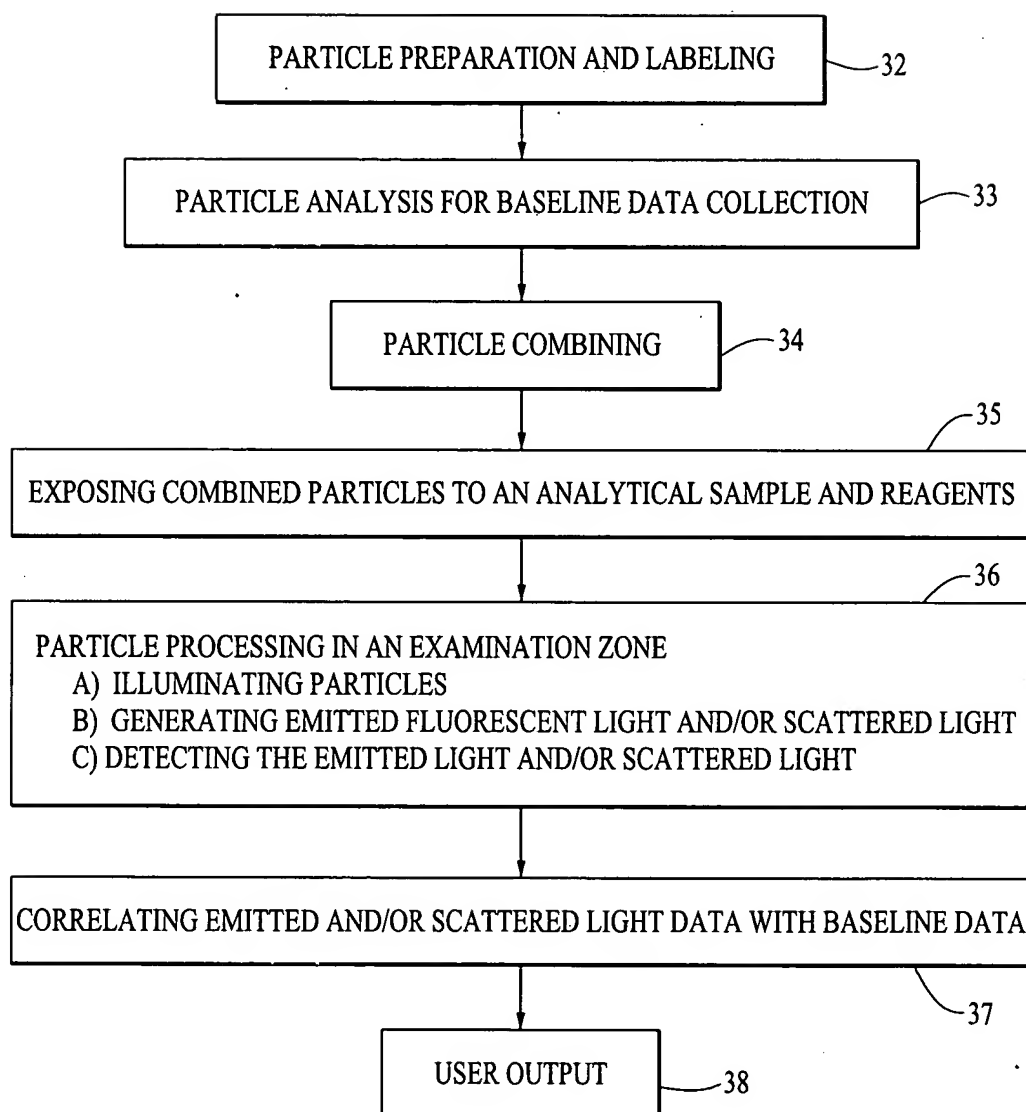
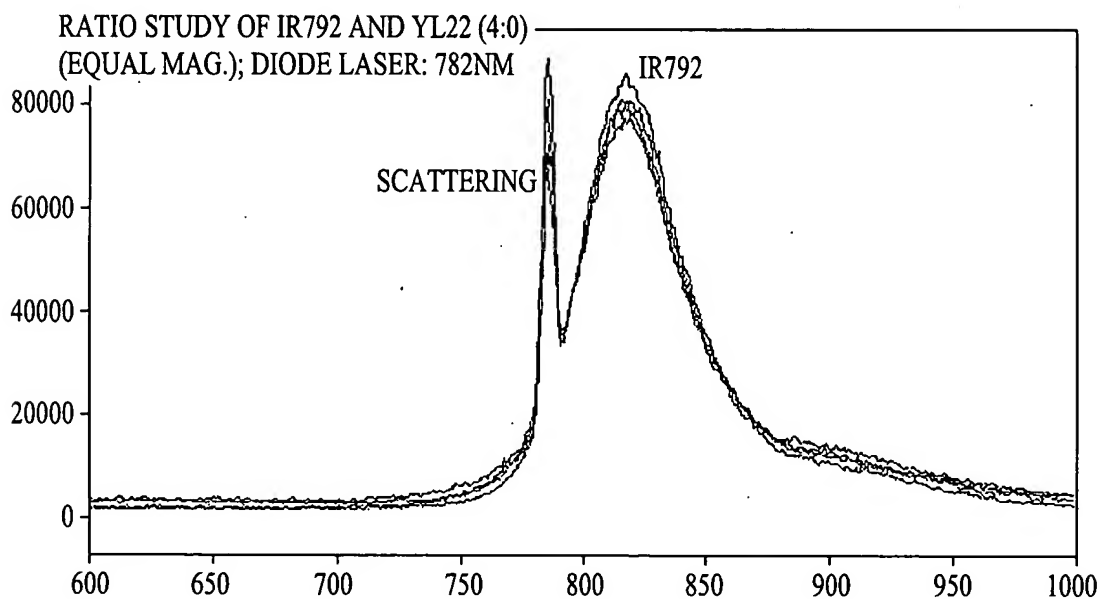
Fig. 3

Fig. 4

EMISSION SPECTRA OF IR792 PERCHLORATE IN METHYLENE CHLORIDE
CHLORIDE FOR TWO MONTH PERIOD (STABILITY STUDY)



(CPS) / WAVELENGTH (NM)

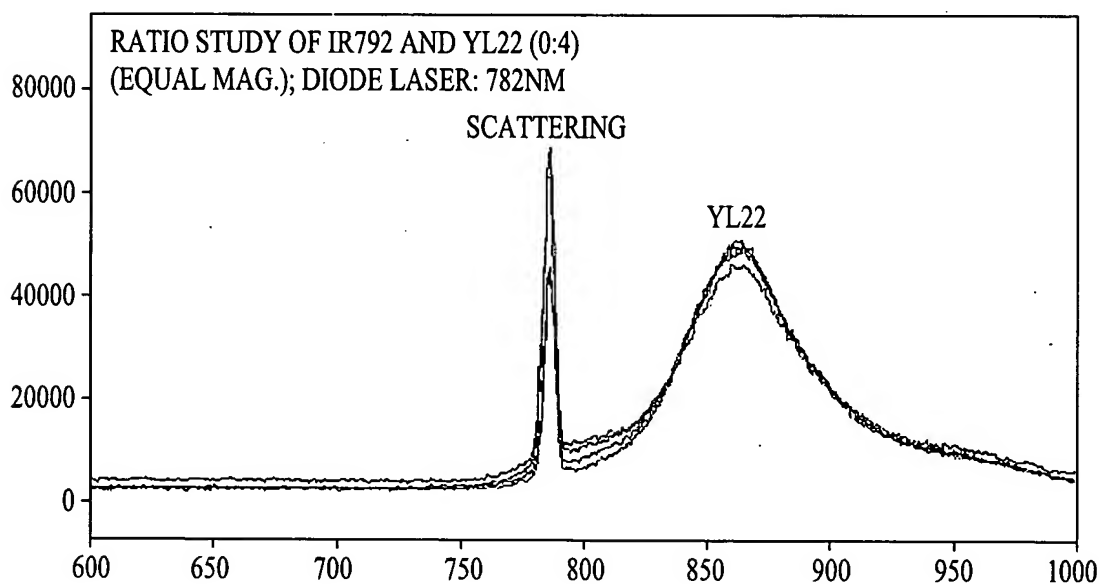
FILE # 2 = ISA52507

INFRARED EMISSION ACQUISITION, USED T DETECTOR;

IR:YL=4:0, ~0.163e-6M IN MC; LASER

OVERLAY Y-ZOOM CURSOR

2/23/00 2:13 PM RES=NONE

*Fig. 5*EMISSION SPECTRA OF COMPOUND 6 IN METHYLENE
CHLORIDE FOR TWO-MONTH PERIOD (STABILITY STUDY)

(CPS) / WAVELENGTH (NM)

FILE # 4 = ISA52805

INFRARED EMISSION ACQUISITION, USED T DETECTOR;

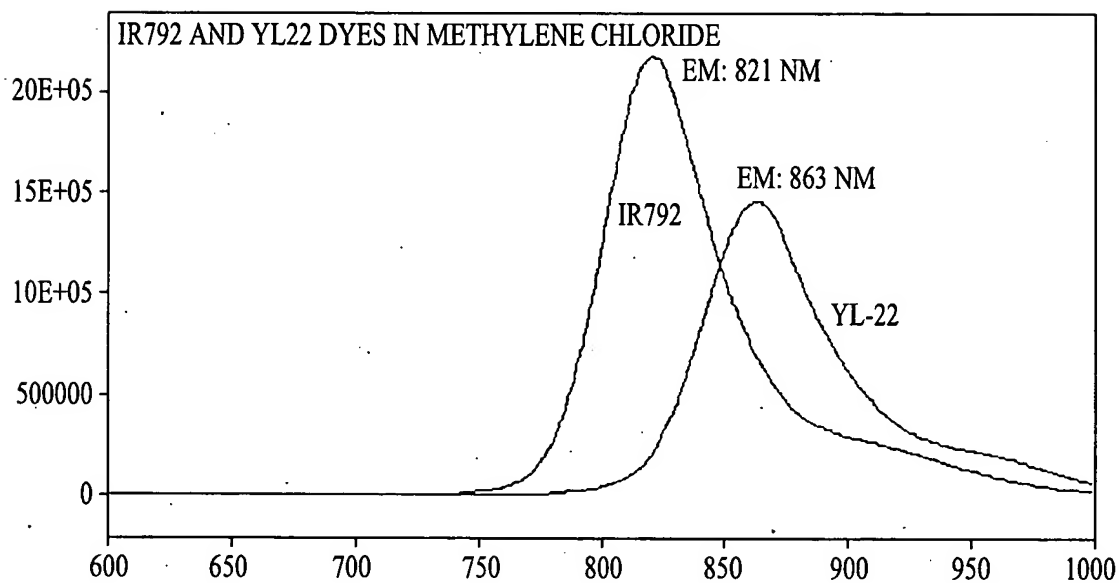
IR:YL=0:4, ~1e-6M, IN MC, EX:782NM

OVERLAY Y-ZOOM CURSOR

2/28/00 11:25 AM RES=NONE

Fig. 6

EMISSION SPECTRA OF IR792 PERCHLORATE AND
COMPOUND 6 IN METHYLENE CHLORIDE



(CPS) / WAVELENGTH (NM)

FILE # 1 = ISA52006

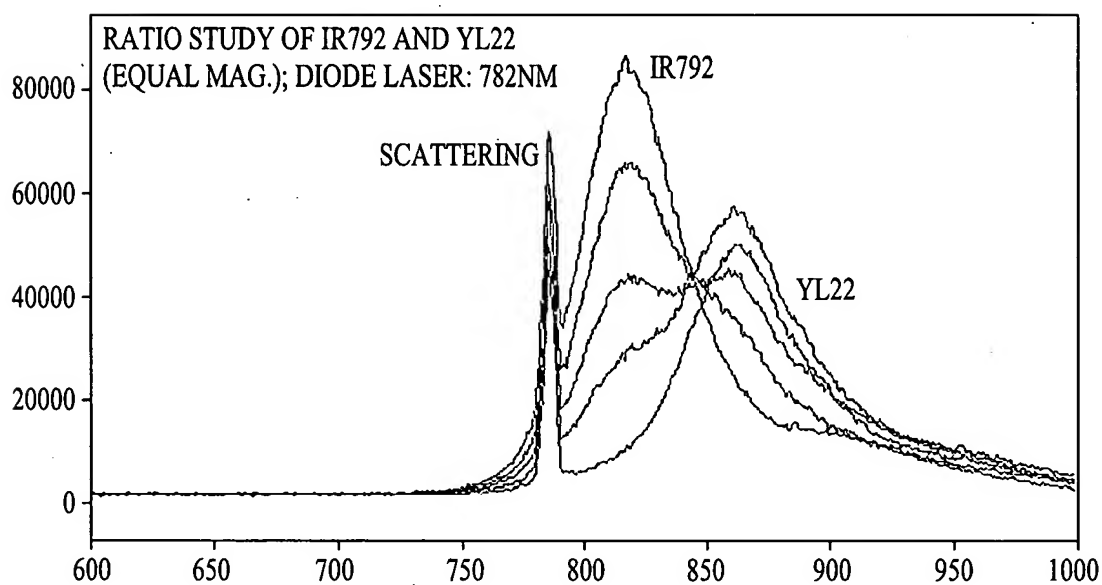
INFRARED EMISSION ACQUISITION, USED T DETECTOR;
IR792 IN MC; DIODE LASER 830 NM

OVERLAY Y-ZOOM CURSOR

2/16/00 10:17 AM RES=NONE

Fig. 7

EMISSION SPECTRA OF IR792 PERCHLORATE AND
COMPOUND 6 MIXTURE IN METHYLENE CHLORIDE.



(CPS) / WAVELENGTH (NM)

FILE # 1 = ISA52406

INFRARED EMISSION ACQUISITION, USED T DETECTOR;

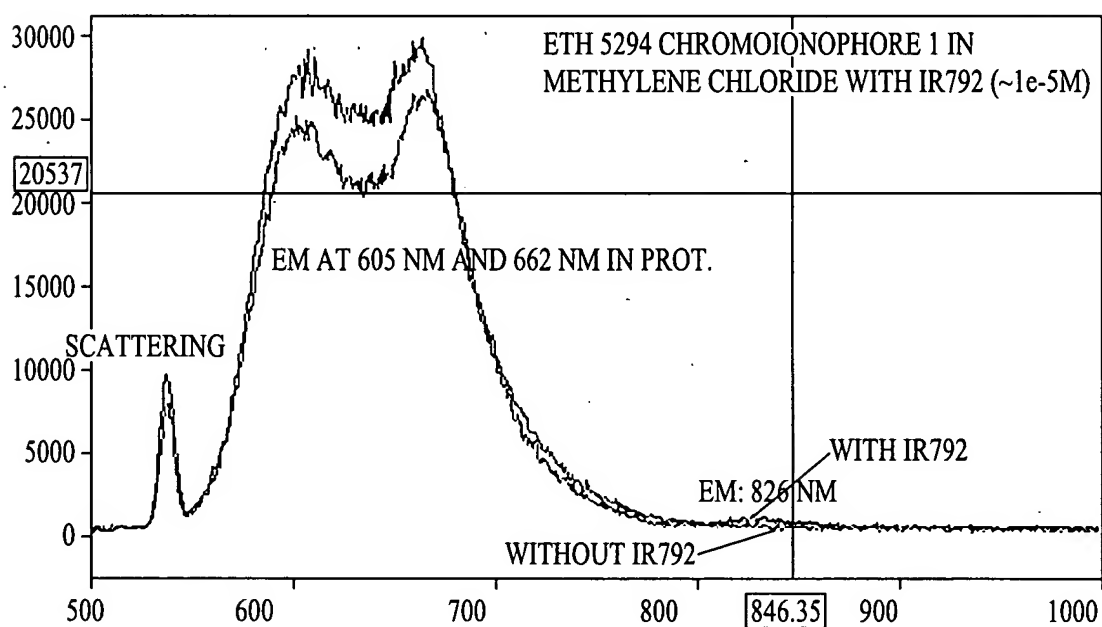
IR:YL=4.0, ~0.163e-6M IN MC; LASER

OVERLAY Y-ZOOM CURSOR

2/22/00 2:44 PM RES=NONE

Fig. 3

EMISSION SPECTRA OF ETH 5294 AND IR792 PERCHLORATE
MIXTURE IN METHYLENE CHLORIDE. EXCITATION
WAVELENGTH IS AT 539 NM



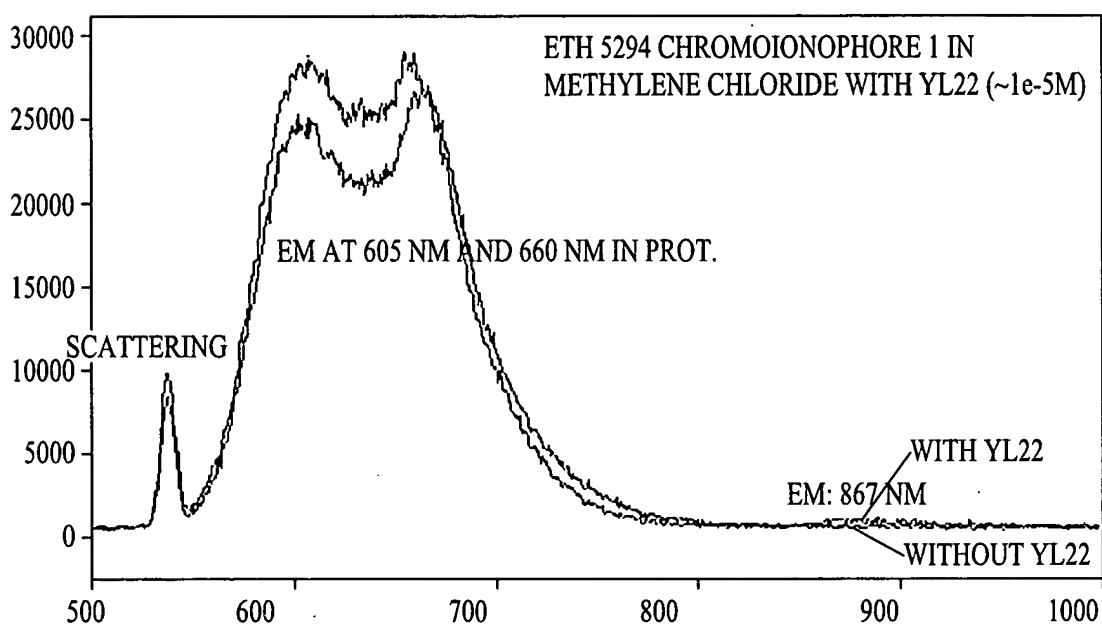
(CPS) / WAVELENGTH (NM)
FILE # 2 = ISA57501
EM ACQ, USED T DETECTOR.

OVERLAY Y-ZOOM CURSOR
5/3/00 1:58 PM RES=NONE

9/13

Fig. 9

EMISSION SPECTRA OF ETH 5294 AND COMPOUND 6
MIXTURE IN METHYLENE CHLORIDE. EXCITATION
WAVELENGTH IS AT 539 NM



(CPS) / WAVELENGTH (NM)
FILE # 2 = ISA57501
EM ACQ, USED T DETECTOR.

OVERLAY Y-ZOOM CURSOR
5/3/00 1:58 PM RES=NONE

Fig. 10

UNCORRECTED FLUORESCENCE SIGNALS OF POLYSTYRENE
PARTICLES CONTAINING DIFFERENT CONCENTRATIONS OF
COMPOUND 5a

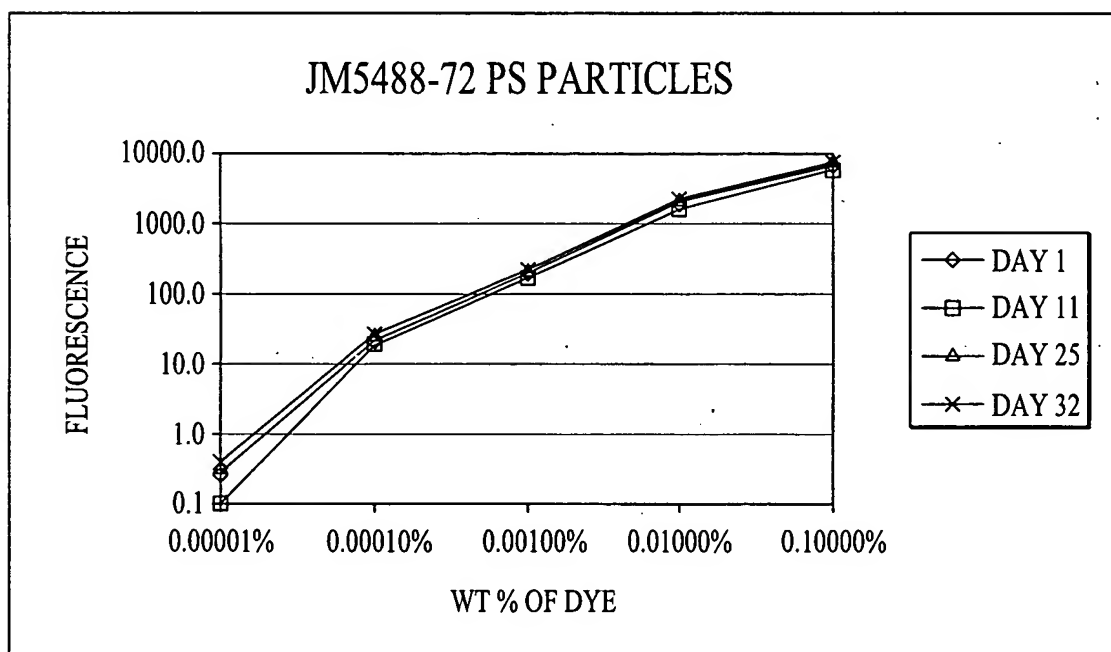


Fig. 11

CORRECTED FLUORESCENCE SIGNALS OF POLYSTYRENE PARTICLES CONTAINING DIFFERENT CONCENTRATIONS OF COMPOUND 5b. MEASUREMENTS WERE MADE OVER 35 DAYS IN THE PROTOTYPE CyXL FLOW CYTOMETER

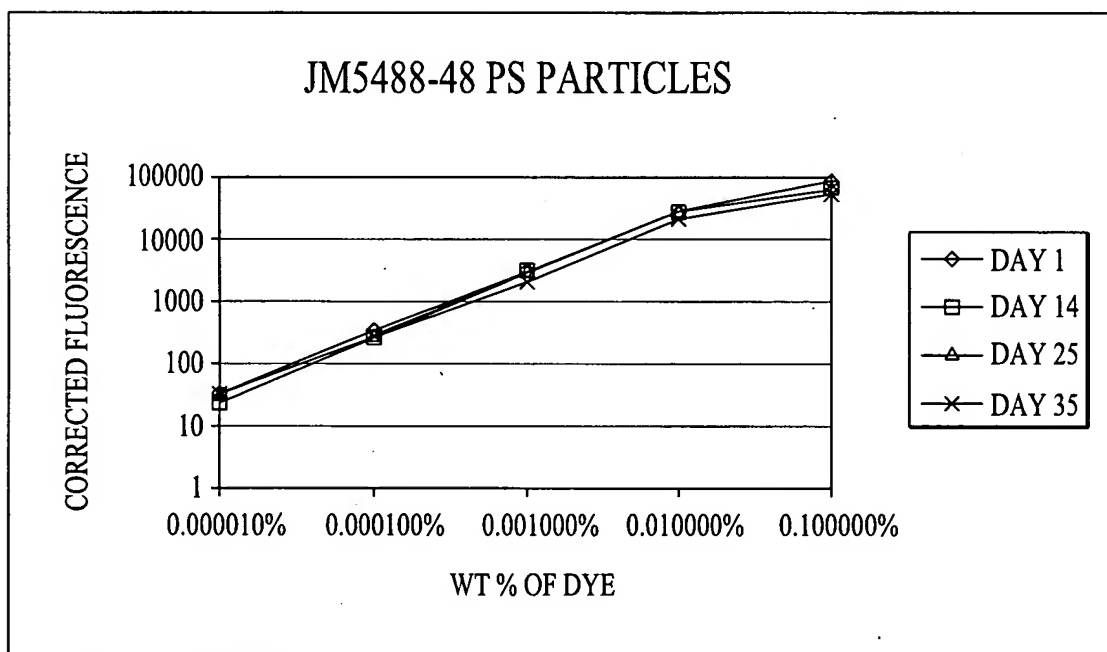
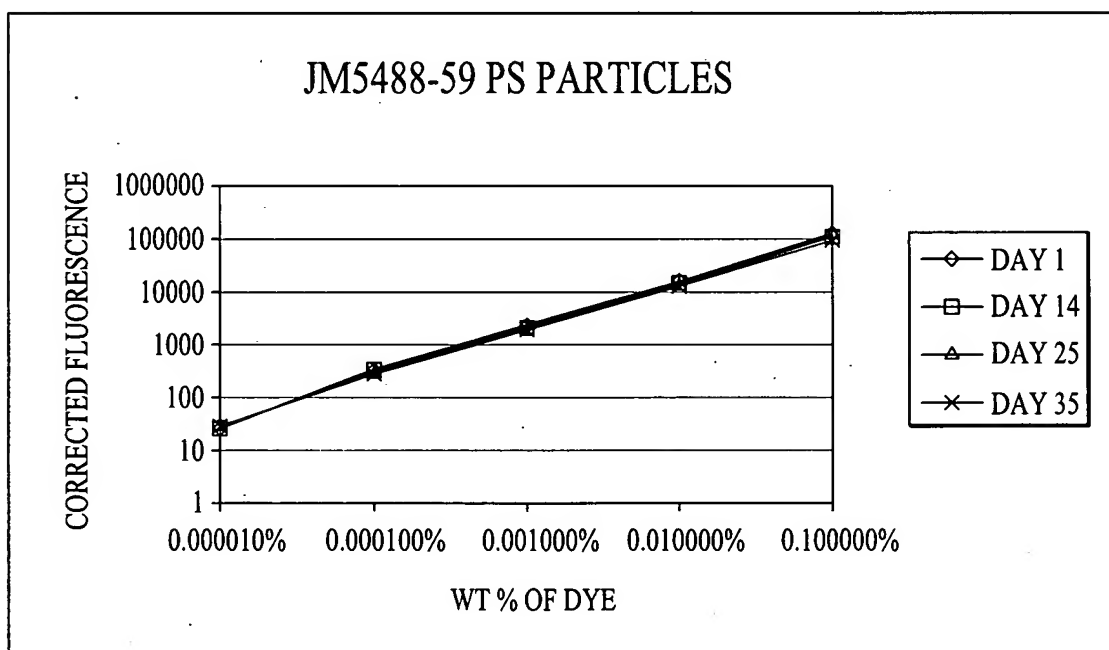


Fig. 12

CORRECTED FLUORESCENCE SIGNALS OF POLYSTYRENE
PARTICLES CONTAINING DIFFERENT CONCENTRATIONS OF
COMPOUND 5d



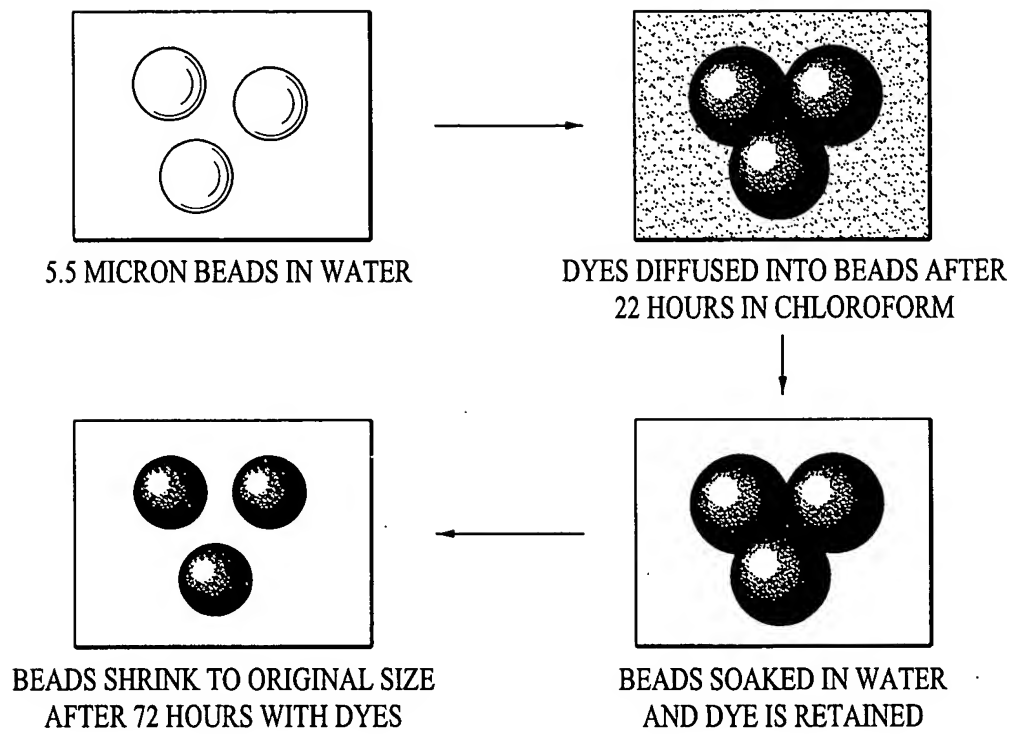


Fig. 13